SUPPLEMENTAL COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDKI SIGNAL TRANSDUCTION DISORDERS the specification of which

	s attached hereto. was filed on January 3, 1995 as Application Serial No. 08/368,776 and was amended on
--	--

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application

in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Richard W. Warburg, Reg. No. 32,327.

(X) Kindly recognize as associate attorney:

Roland N. Smoot, Reg No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; William E. Thomson, Jr., Reg. No. 29,719; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,9035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,40; David B. Murphy, Reg No. 31,125; James C. Brooks, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30, 790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,239; Paul H. Meier, Reg. No. 32,274; Suzanne L. Biggs, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,564; F.T. Alexandahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. P38,179; Charles S. Berkman, Reg. No. P38,077; Jeffrey W. Guise, Reg. No. 34,613; and Anthony C. Chen, Reg. No. P38,673, of LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017, Telephone (619) 552-8400.

Address all telephone calls to Richard J. Warburg, Esq., at telephone no. (619) 552-8400. Address all correspondence to LYON & LYON, 611 West Sixth Street, Los Angeles, California 90017.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patents issuing thereon.

Full name of sole or first inventor: Thomas Ciossek

Inventor's signature	Date:	
Residence:	Elvira Strasse 13, 80636 Munich, Germany	
Chiananata		

Citizenship: German

Post Office Address: Elvira Strasse 13, 80636 Munich, Germany

Full name of sole or second inventor: Axel Ullrich

Inventor's signature	Hiel Xllency	Date: 1/20/91
Residence:	√10 Palmer Lane,Portola Valle	y, California 94028

Citizenship:
Post Office Address:

German 70 Palmer Lane, Portola Valley, California 94028

Full name of inventor:

Birgit Millauer

Inventor's signature Date: 1/24/95
Residence: 1249 Alameda de las Pulgas, Apt. 202, Belmont, California 9400

Citizenship: German

Post Office Address: 1249 Alameda de las Pulgas, Apt. 202, Belmont, California 94002

Charles S. Berkman

Name of Person Signing

FORM PTO-1595

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

March 31, 1995

Date

Tab settings □ □ □ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): THOMAS CIOSSEK AXEL ULLRICH BIRGIT MILLAUER Additional name(s) of conveying party(ies) attached? Yes No	Name and address of receiving party(ies) Name: MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WEISSENSCHAFTEN Internal Address: GERMANY
3. Nature of conveyance: 21 Assignment	Street Address: Hofgartenstrasse 2 80539 Munich City: Munich State: GERMANYZIP: Additional name(s) & address(es) attached? Q Yes Q No 6 filed on January 3, 1995
If this document is being filed together with a new application A. Patent Application No.(s) Additional numbers at	n, the execution date of the application is: B. Patent No.(s) ttached? Yes No
5. Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:
Name: Richard J. Warburg Internal Address: SAN DIEGO OFFICE	7. Total fee (37 CFR 3.41)\$40.00 © Enclosed Authorized to be charged to deposit account
Street Address: Suite 4700 633 West Fifth Street City: Los Angeles State: CA ZIP: 90071	8. Deposit account number: 12-2475 (Attach duplicate copy of this page if paying by deposit account)
DO NOT US	SE THIS SPACE
Statement and signature. To the best of my knowledge and belief, the foregoing inform the original document.	nation is true and correct and any attached copy is a true copy of

Signature

Total number of pages including cover sheet, attachments, and document;

208/007

ASSIGNMENT

For valuable consideration, we, Thomas CIOSSEK, Axel ULLRICH and Birgit MILLAUER of Elvira Strasse 13, 80636 Munich, Germany; of 70 Palmer Lane, Portola Valley, California 95028; of 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002, hereby assign to Max-Planck-Gesellschaft zür Forderung der Wissenschaften, e.V., a non-profit organization having a place of business at Hofgartenstraße 2, 80539 Munich, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent signed by us this day, entitled METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDK1 SIGNAL TRANSDUCTION DISORDERS, filed on January 3, 1995, U.S. Serial No. 08/368,776, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I heret day of, 1995.	to set my hand and seal at, this
State of :	THOMAS CIOSSEK
County of :	
THOMAS CIOSSEK known to me	by of, 19, personally appeared to be the person whose name is subscribed to the foregoing he executed the same as his free act and deed for the purposes
[Notary's	Notary Public
Seal Here]	My commission expires:

IN WITNESS	WHEREOF, I hereto set my hand a	and seal at Redword City	_, California this 20th
day of Janua	ivv . 1995.		
_	-	Fixel Clin	ia.
State of Cali		AXEL ULLRICH	
County of <u>S</u>	un Mateo:		
AXEL III I R	Before me this 20th day of <u>Anuary</u> ICH known to me to be the persond acknowledged that he executed the	n whose name is subscribed e same as his free act and dee	d for the purposes
D. Tananania	Market Company	Wordery Pub	Jaumer)
[Notary's Seal Here]	Barbara Frauman Comm. #1033151 Comm. #1033151 SAN MATEO COUNTY Comm. Expires July 27, 1998	My commission exp	
day of <u>120</u>	WHEREOF, I hereto set my hand	and seal at	this
State of Cali			
County of S	nMateo: ss.		
RIRGIT MII	Before me this 20 th day of <u>Javuan</u> LAUER known to me to be the per, and acknowledged that she executed the ned.	son whose name is subscribe he same as her free act and de	d to the foregoing ed for the purposes
[Notary's Seal Here]	Barbara Frauman Comm. #1033151 Comm. #1033151 NOTARY PUBLIC CALEGORIAN SAN MATEO COUNTY O Comm Expires July 27 1988	Notary Pul My commission exp	

ASSIGNMENT

For valuable consideration, we, Thomas CIOSSEK, Axel ULLRICH and Birgit MILLAUER of Elvira Strasse 13, 80636 Munich, Germany; of 70 Palmer Lane, Portola Valley, California 95028; of 1240 Alameda de las Pulgas, Apt. 202, Belmont, California 94002, hereby assign to Max-Planck-Gesellschaft zür Forderung der Wissenschaften, e.V., a non-profit organization having a place of business at Hofgartenstraße 2, 80539 Munich, Germany, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the invention and improvements which are the subject of an application for United States Patent signed by us this day, entitled METHODS FOR DIAGNOSIS AND TREATMENT OF DISEASES OF MDK1 SIGNAL TRANSDUCTION DISORDERS, filed on January 3, 1995, U.S. Serial No. 08/368,776, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand an day of 2117, 1995.	d seal at Munich	, Jermany this
State of : THOMAS	CIOSSEK	DE
County of :		
Before me thisday of THOMAS CIOSSEK known to me to be the person Assignment and acknowledged that he executed the sa therein contained.	, 19, personally appeared whose name is subscribed me as his free act and deed	ed to the foregoing I for the purposes
[Notary's Seal Here]	Notary Publ	ic

My commission expires:

IN WITNESS WHEREOF, I hereto set my hand and seal at Refused City, Glibraia this 20	(Z)
day of January, 1995.	
State of Colifornia : AXEL ULLRICH	
0.00	
County of San Mates :	
Before me this 20th day of Annacy 1945 personally appeared AXEL ULLRICH known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained. [Notary's Barbara Frauman Notary Public Notary Publ	
Seal Here] Comm. #1023151 SAN MATED COUNTY Comm. Express July 27, 1988 My commission expires: 7/27/98	
IN WITNESS WHEREOF, I hereto set my hand and seal at, this day of, 19\frac{1}{25}	
BIRGIT MILLAUER	
State of California :	
County of San Mater : ss.	
Before me this 2010 day of 300000000000000000000000000000000000	
[Notary's Seal Here] Barbara Frauman Comm. #1033151 Comm. #1033151 My commission expires: 7/27/98 San Marce County O	

RNr. 0534 A/1995

Ich beglaubige die Echtheit der vorstehenden, vor mir anerkannten Unterschrift von

Herrn Thomas C i o s s e k , geb. am 13.08.1967, Doktorand, wohnhaft Elvirastr. 13, 80636 München,

ausgewiesen durch Personalausweis.

München, den 17. Februar 1995



0534

File No. A/1995

I hereby certify that the above is the true signature, acknowledged in my presence, of

Mr. Thomas Ciossek, born 13.08.1967, doktorand, of Elvirastr. 13. 80646 Munich,

identified by his identity-card.

Munich, the 17th of February 1995

Notary